

- Distilled water
- Camera and film
- Current scientific fish collector's permit

3.2 Procedure

3.2.1 Setup and Checkout

The field crew will set up and test the electroshocking equipment in accordance with the procedures specified in the operating manual for the unit(s) employed at the site.

3.2.2 Field Crew Responsibilities

The field crew will consist of the Crew Leader and the Crew Member(s). The Crew Leader will be responsible for :

- Control of the boat
- Operation of the control equipment and generator.

The Crew Member(s) will be responsible for:

- Control of the dead-man's switch
- Capturing the fish

Both the Crew Leader and the Crew Member(s) will be responsible for preparing the fish samples for shipment to the laboratory.

3.3 Electrofishing Operation

1. Apply current to the water by closure of the dead-man's switch while the generator and control equipment are operative.
2. Collect fish using dip nets when seen, and transfer to on-board live well (or other containers filled with water).
3. (Optional) – Use a geographic positioning system to record position and boat track while sampling.

3.4 Fish Sample Preparation

1. Return the collected fish to shore.
2. Identify the fish to species.
3. Measure fish length and weight, and record in field notebook and/or field data sheets.
4. Photograph the fish, including a small tag on which is written the sample number.
5. If whole fish are to be processed, proceed to step 6. If fish fillets are to be collected, first kill each fish by severing its spinal cord using a fillet knife, and then remove the fillets from the carcass. If necessary, remove skin from each fillet.